

ABSTRACT OF THE DISCLOSURE

A modem including an echo canceller adapted to determine locations of far-end echo sources. The echo canceller is adapted to send a signal to turn off network echo suppressors and enter a training mode. A training signal at a 5 predetermined modem training frequency is sent from the modem to the second modem in the link. The return signal is then sampled by the sending modem. Any far-end echoes manifest themselves as sine waves at the modem training frequency, delayed in time. The time difference between the peak of the training signal and the echo signals is used to determine the echo delay.